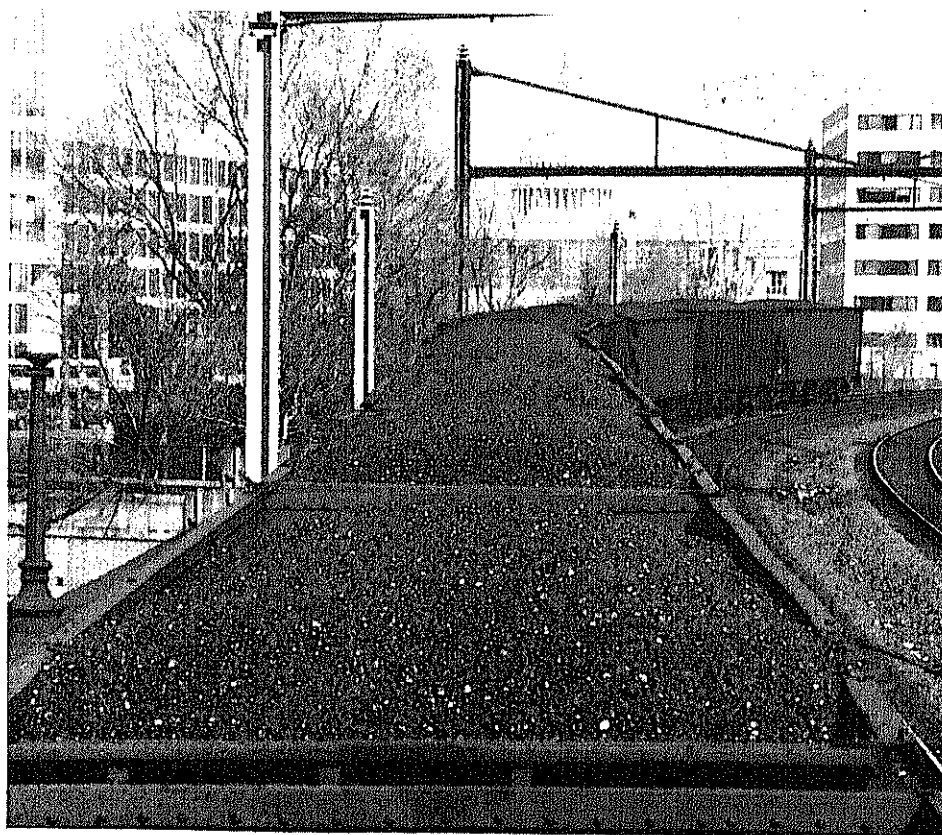




Energy Information Administration
Washington, DC

Weekly Coal Production

Production for Week Ended:
February 25, 1989



Preface

The *Weekly Coal Production (WCP)* provides weekly production estimates of U.S. coal by State, as well as supplementary data which are usually published twice a month. Supplement 1 includes monthly and annual U.S. level data on coal production, consumption, stocks, imports, and exports. This week's Supplement 2 contains detailed monthly data covering electric utility coal consumption, stocks, and receipts (quantity and price); and coal imports and exports.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as

specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution Report*, the *Quarterly Coal Report*, *Coal Production 1987*, and *Coal Data: A Reference*.

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Contents

	Page
Summary	1

Illustrations

	Page
1. Coal Production	1

Tables

	Page
1. Coal Production	2
2. Coal Production by State	2
3. Coal Receipts at Electric Utility Plants: November 1988	3
4. Average Price of Coal Receipts at Electric Utility Plants: November 1988	4
5. Coal Stocks at Electric Utility Plants: December 1988	5
6. Coal Consumption at Electric Utility Plants: December 1988	6
7. Coal Exports by Continent and Country of Destination: December 1988	7
8. Average Price of Coal Exports: December 1988	9
9. Coal Exports by Continent and Country of Destination, and Rank: December 1988	11
10. Coal Exports by Continent and Country of Destination, and Rank: January - December 1988	12
11. Coal Exports by Customs District and Rank: December 1988	13
12. Coal Exports by Customs District and Rank: January - December 1988	14
13. Bituminous Coal Exports: December 1988	15
14. Average Price of Bituminous Coal Exports: December 1988	16
15. Bituminous Metallurgical Coal Exports: December 1988	17
16. Average Price of Bituminous Metallurgical Coal Exports: December 1988	18
17. Bituminous Steam Coal Exports: December 1988	19
18. Average Price of Bituminous Steam Coal Exports: December 1988	20
19. Anthracite Exports: December 1988	21
20. Average Price of Anthracite Exports: December 1988	22
21. Coke Exports: December 1988	23
22. Average Price of Coke Exports: December 1988	24
23. Coal Imports by Continent and Country of Origin: December 1988	25
24. Average Price of Coal Imports by Continent and Country of Origin: December 1988	25
25. Coal Imports by Customs District: December 1988	26
26. Average Price of Coal Imports by Customs District: December 1988	27
27. Coke Imports: December 1988	28
28. Average Price of Coke Imports: December 1988	28

Summary

U.S. coal production in the week ended February 25, 1989, as estimated by the Energy Information Administration, totaled 19 million short tons. Production totaled 12 million short tons in states east of the Mississippi and 7 million short tons in states west of the Mississippi.

This report contains data on electric utility coal receipts and prices for November 1988 in addition to electric utility coal consumption and stocks for December 1988. Also included are data on U.S. coal and coke exports and imports for December 1988.

Some of the highlights of these data are:

- Coal consumption at electric utility plants reached a record level of 757 million short tons in 1988, surpassing the 1987 level by 5 percent. The higher level of coal consumption is primarily attributed to the increase in electricity demand in 1988, as well as the substitution of coal-fired electricity generation for hydroelectric generation in some areas affected by the summer drought. Substantial increases in coal consumption occurred in the

West North Central, Mountain, and West South Central Census Divisions, particularly in North Dakota, Texas and Montana.

- The average price of coal received at electric utilities through November 1988 continued to run about 4 percent below the 1987 prices for the same period.
- Coal stocks at electric utilities in December 1988 dropped 2 percent from the November 1988 level, ending the upward trend that began in September. December 1988 electric utility coal stocks were 14 percent lower than in December 1987.
- Coal exports in 1988 were 15 million short tons (19 percent) higher than in 1987, mainly due to increased exports to Canada, Japan, Belgium and Luxembourg, and Denmark.
- Coal imports in 1988 increased 22 percent over the 1987 level, chiefly as a result of higher coal import levels from Colombia and Venezuela. The average price of coal from those countries dropped 12 percent and 26 percent, respectively.

Figure 1. Coal Production

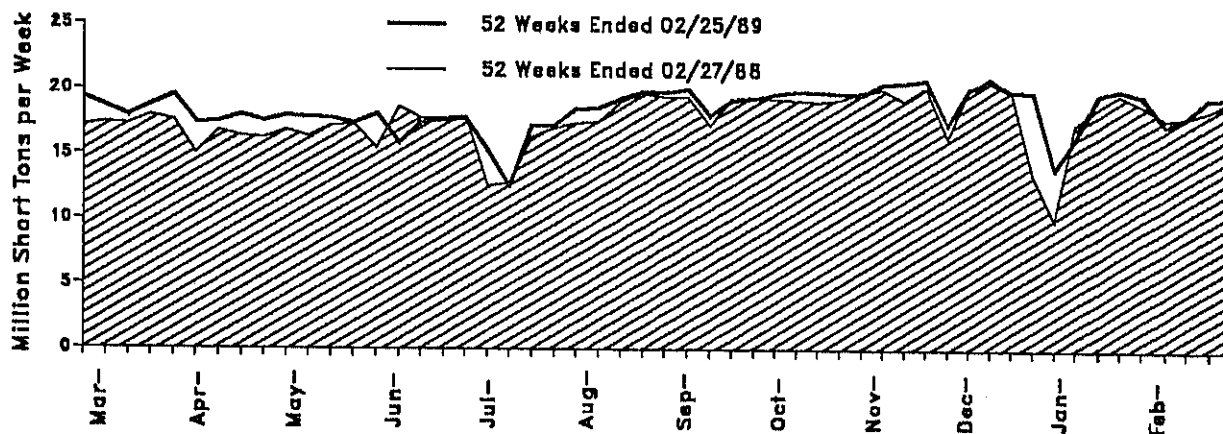


Table 1. Coal Production

Production and Loadings	Week Ended			52 Weeks Ended		
	02/25/89	02/18/89	02/27/88	02/25/89	02/27/88	Percent Change
Production (Thousand Short Tons)						
Bituminous ¹ and Lignite	19,398	19,351	19,275	956,077	917,966	4.2
Pennsylvania Anthracite	59	54	74	3,448	3,609	-4.5
U.S. Total	19,457	19,406	19,350	959,525	921,575	4.1
Railroad Cars Loaded	124,466	124,362	121,427	6,280,206	5,877,746	

¹ Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

Table 2. Coal Production by State
(Thousand Short Tons)

Region and State	Week Ended		
	02/25/89	02/18/89	02/27/88
Bituminous Coal¹ and Lignite			
East of the Mississippi	12,049	12,250	11,761
Alabama	609	619	506
Illinois	1,238	1,228	1,237
Indiana	565	580	647
Kentucky	3,261	3,443	3,195
Kentucky, Eastern	2,413	2,548	2,357
Kentucky, Western	848	895	838
Maryland	80	86	73
Ohio	617	619	700
Pennsylvania Bituminous	1,606	1,445	1,557
Tennessee	132	134	117
Virginia	1,050	1,075	973
West Virginia	2,892	3,019	2,757
West of the Mississippi	7,348	7,101	7,514
Alaska	32	32	34
Arizona	232	232	222
Arkansas	2	2	1
California	-	-	-
Colorado	373	357	308
Iowa	6	6	8
Kansas	11	11	31
Louisiana	61	50	68
Missouri	78	76	78
Montana	675	647	859
New Mexico	473	396	444
North Dakota	565	543	609
Oklahoma	54	47	65
Texas	1,124	1,122	1,078
Utah	380	357	428
Washington	109	109	112
Wyoming	3,173	3,115	3,170
Bituminous ¹ and Lignite Total	19,398	19,351	19,275
Pennsylvania Anthracite	59	54	74
U.S. Total	19,457	19,406	19,350

¹ Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

Table 3. Coal Receipts at Electric Utility Plants: November 1988
(Thousand Short Tons)

Census Division and State	November 1988	October 1988	November 1987	Year to Date		
				1988	1987	Percent Change
New England Total	580	498	543	5,826	5,173	12.6
Connecticut	73	37	60	770	685	12.4
Maine	-	-	-	-	-	-
Massachusetts	364	317	361	3,939	3,522	11.8
New Hampshire	143	144	122	1,117	965	15.7
Rhode Island	-	-	-	-	-	-
Vermont	-	-	-	-	-	-
Middle Atlantic Total	4,607	4,531	4,718	46,642	49,184	-5.2
New Jersey	246	259	240	2,193	2,468	-11.1
New York	776	787	772	7,779	7,399	5.1
Pennsylvania	3,585	3,485	3,706	36,669	39,318	-6.7
East North Central Total	13,624	14,197	14,040	142,207	149,015	-4.6
Illinois	2,187	2,404	2,352	24,643	26,138	-5.7
Indiana	3,373	3,472	3,113	32,948	35,553	-7.3
Michigan	2,764	2,942	2,908	26,401	28,010	-5.7
Ohio	3,679	4,024	4,299	42,083	44,084	-4.5
Wisconsin	1,622	1,355	1,367	16,132	15,230	5.9
West North Central Total	8,701	8,319	8,728	89,319	80,507	10.9
Iowa	1,069	1,105	1,366	12,833	12,644	1.5
Kansas	1,360	1,123	1,467	13,447	13,741	-2.1
Minnesota	1,333	1,174	1,610	13,046	11,369	14.8
Missouri	2,211	2,247	2,023	21,745	20,384	6.7
Nebraska	589	583	532	6,713	5,708	17.6
North Dakota	1,956	1,989	1,729	19,590	15,960	22.7
South Dakota	183	99	-	1,945	700	177.8
South Atlantic Total	10,221	10,382	11,159	110,857	118,087	-6.1
Delaware	184	181	240	2,346	2,172	8.0
District of Columbia	-	-	-	-	-	-
Florida	1,989	1,906	1,897	22,045	20,610	7.0
Georgia	2,075	2,290	2,294	23,248	24,045	-3.3
Maryland	847	649	762	8,019	7,403	8.3
North Carolina	1,377	1,333	1,473	15,525	16,109	-3.6
South Carolina	846	833	677	8,259	8,666	-4.7
Virginia	740	680	919	6,489	7,896	-17.8
West Virginia	2,163	2,509	2,898	24,927	31,187	-20.1
East South Central Total	6,180	6,764	6,432	67,633	71,140	-4.9
Alabama	1,826	1,687	1,762	18,403	19,021	-3.3
Kentucky	2,696	2,854	2,461	26,472	28,953	-8.6
Mississippi	280	352	434	4,585	3,997	14.7
Tennessee	1,578	1,872	1,775	18,173	19,168	-5.2
West South Central Total	9,109	9,732	8,992	106,257	101,323	4.9
Arkansas	1,037	1,026	865	10,762	10,735	.3
Louisiana	1,102	1,169	959	10,236	9,747	5.0
Oklahoma	1,171	1,237	1,101	12,265	10,963	11.9
Texas	5,799	6,301	6,066	72,993	69,878	4.5
Mountain Total	8,430	8,391	7,744	88,368	78,350	12.8
Arizona	1,149	1,332	1,191	12,930	11,627	11.2
Colorado	1,368	1,272	1,193	13,442	12,281	9.4
Idaho	-	-	-	-	-	-
Montana	973	920	919	9,508	6,641	43.2
Nevada	640	754	476	7,307	6,380	14.5
New Mexico	1,157	1,125	1,195	13,011	12,739	2.1
Utah	1,054	944	1,028	11,334	10,758	5.4
Wyoming	2,089	2,046	1,742	20,837	17,924	16.3
Pacific Total	463	522	488	5,372	4,358	23.3
California	-	-	-	-	-	-
Oregon	-	-	107	235	260	-9.8
Washington	463	522	381	5,137	4,098	25.4
Alaska	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-
Total	61,915	63,335	62,845	662,480	657,136	.8

Note: Total may not equal sum of components because of independent rounding.

Source: Federal Energy Regulatory Commission Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 4. Average Price¹ of Coal Receipts at Electric Utility Plants:
November 1988**

Census Division and State	November 1988		October 1988		November 1987		Year to Date			
	Dollars per Short ton	Cents per Million Btu	Dollars per Short ton	Cents per Million Btu	Dollars per Short ton	Cents per Million Btu	1988		1987	
							Dollars per Short ton	Cents per Million Btu	Dollars per Short ton	Cents per Million Btu
New England Total	\$44.15	167.5	\$43.95	166.8	\$46.92	178.1	\$45.68	173.7	\$46.83	177.5
Connecticut	55.58	212.0	55.62	211.9	64.43	246.6	60.34	229.7	63.38	241.2
Maine	-	-	-	-	-	-	-	-	-	-
Massachusetts	41.56	158.4	42.24	161.0	42.33	161.2	42.25	161.2	42.31	161.1
New Hampshire	44.90	167.8	44.71	167.9	51.90	194.7	47.69	178.9	51.57	191.9
Rhode Island	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-
Middle Atlantic Total	36.81	148.3	36.09	144.9	37.01	149.4	36.88	148.7	36.54	147.3
New Jersey	45.54	171.7	45.58	171.3	46.42	174.2	45.80	171.8	46.93	177.2
New York	39.37	154.5	39.47	153.4	39.32	153.7	40.59	158.4	39.38	153.9
Pennsylvania	35.66	145.1	34.62	140.7	35.92	146.7	35.56	145.1	35.36	144.0
East North Central Total	34.48	156.5	34.92	157.1	35.99	160.5	35.81	160.9	36.68	164.5
Illinois	39.45	186.2	39.74	187.0	42.67	199.1	40.58	190.7	42.79	199.8
Indiana	29.72	139.1	30.04	139.6	31.12	140.3	31.20	144.0	31.98	147.3
Michigan	39.35	171.0	37.62	165.3	39.62	171.4	40.67	175.5	40.51	175.4
Ohio	35.48	149.7	36.08	151.7	36.06	151.9	36.37	152.9	37.27	156.4
Wisconsin	27.13	141.7	29.58	147.5	27.74	144.7	28.49	146.6	28.40	147.3
West North Central Total	19.11	109.8	19.71	111.9	19.46	111.6	20.35	116.6	21.52	121.8
Iowa	22.79	123.9	24.69	128.1	20.50	113.1	23.20	125.3	23.23	126.3
Kansas	21.26	119.3	22.50	123.9	21.06	120.7	22.36	124.5	22.28	127.2
Minnesota	17.67	100.7	18.25	103.7	18.22	105.2	21.58	123.4	21.52	122.9
Missouri	27.86	133.8	27.95	135.4	28.20	135.4	28.88	138.7	30.22	142.2
Nebraska	13.19	76.0	13.47	78.4	14.94	87.7	14.60	84.8	16.27	94.7
North Dakota	8.86	67.8	8.76	66.8	9.59	73.1	9.25	70.3	10.58	80.1
South Dakota	15.14	122.2	19.84	114.9	-	-	15.42	121.3	14.95	123.4
South Atlantic Total	41.46	166.9	41.24	165.4	40.70	163.3	41.59	166.7	41.64	167.0
Delaware	44.85	176.0	45.47	175.6	47.31	181.5	46.65	180.9	47.47	181.3
District of Columbia	-	-	-	-	-	-	-	-	-	-
Florida	43.79	177.4	44.06	177.6	45.06	180.6	44.16	177.6	45.16	182.1
Georgia	42.27	175.4	41.71	171.8	42.44	174.2	42.47	174.4	43.72	179.6
Maryland	39.73	155.7	39.64	156.0	40.09	158.2	40.15	157.8	39.95	157.6
North Carolina	45.27	180.7	45.48	181.5	43.94	175.9	44.60	177.4	45.13	179.6
South Carolina	45.44	180.1	43.87	173.0	43.97	173.3	44.64	176.1	43.99	173.9
Virginia	38.99	153.3	38.82	152.3	39.84	156.2	39.98	156.0	40.60	158.2
West Virginia	35.77	143.6	36.32	144.9	33.94	136.9	36.04	144.4	35.50	142.7
East South Central Total	34.39	144.8	34.16	143.6	35.73	149.6	35.49	148.9	36.02	151.5
Alabama	47.95	197.6	46.87	193.0	45.49	186.3	47.29	194.3	47.12	192.7
Kentucky	26.41	114.4	26.55	114.9	28.81	124.8	27.73	120.3	29.00	126.1
Mississippi	41.54	162.5	45.04	178.8	45.01	178.2	46.21	182.5	50.06	197.5
Tennessee	32.78	136.3	32.27	133.9	33.38	138.3	32.12	133.3	32.69	136.6
West South Central Total	25.45	162.6	24.61	158.6	23.74	156.4	23.13	150.0	24.01	156.6
Arkansas	29.69	170.4	29.16	168.2	29.57	169.1	27.69	159.9	26.85	155.2
Louisiana	26.85	162.3	27.83	166.7	25.70	158.1	25.83	157.3	26.79	164.5
Oklahoma	25.13	142.0	24.58	139.1	27.50	155.1	26.56	149.0	27.64	156.2
Texas	24.49	166.0	23.28	159.7	21.92	154.2	21.51	147.3	22.60	155.7
Mountain Total	20.70	106.8	21.39	110.4	21.55	110.8	21.33	109.4	22.11	112.5
Arizona	28.92	136.0	28.36	132.3	28.45	134.6	29.94	140.5	27.62	130.3
Colorado	20.58	105.8	20.36	105.0	22.55	115.3	20.93	107.0	22.03	112.0
Idaho	-	-	-	-	-	-	-	-	-	-
Montana	10.06	59.4	9.08	53.7	8.85	51.8	9.35	54.8	10.99	63.9
Nevada	28.51	128.4	27.44	126.3	32.65	145.3	30.24	136.5	31.08	139.0
New Mexico	20.92	115.4	21.98	122.3	21.66	121.3	21.32	118.1	21.98	121.4
Utah	29.18	128.2	32.55	145.4	30.07	129.2	28.86	125.5	29.32	126.3
Wyoming	14.40	82.0	15.33	87.0	14.71	84.2	14.51	82.8	15.30	87.0
Pacific Total	26.38	161.2	26.35	156.9	26.56	162.3	25.33	154.0	26.94	165.7
California	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	23.70	140.0	23.70	138.0	23.76	140.3
Washington	26.38	161.2	26.35	156.9	27.36	168.9	25.41	154.7	27.14	167.4
Alaska	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-
Total	30.46	145.6	30.59	145.6	31.07	147.4	30.77	147.1	31.96	151.1

¹ Based on the cost including insurance and freight (c.i.f. cost).

Note: Total may not equal sum of components because of independent rounding.

Source: Federal Energy Regulatory Commission Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 5. Coal Stocks at Electric Utility Plants: December 1988
(Thousand Short Tons)

Census Division and State	December 31, 1988	November 30, 1988	December 31, 1987	Percent Change December 31: 1988 versus 1987
New England Total	1,110	1,140	1,012	9.6
Connecticut	0	0	0	-
Maine	-	-	-	-
Massachusetts	737	805	677	8.9
New Hampshire	344	308	307	12.2
Rhode Island	28	28	28	.0
Vermont	-	-	-	-
Middle Atlantic Total	13,757	14,034	17,764	-22.6
New Jersey	528	573	842	-37.4
New York	1,432	1,513	1,889	-24.2
Pennsylvania	11,798	11,949	15,034	-21.5
East North Central Total	39,549	40,362	45,855	-13.8
Illinois	9,179	9,314	8,861	3.6
Indiana	9,997	10,167	13,185	-24.2
Michigan	8,991	9,556	9,751	-7.8
Ohio	7,218	7,064	9,959	-27.5
Wisconsin	4,165	4,262	4,099	1.6
West North Central Total	19,948	20,325	21,904	-8.9
Iowa	4,456	4,594	4,507	-1.1
Kansas	3,300	3,451	3,286	.4
Minnesota	2,579	2,667	3,346	-22.9
Missouri	4,541	4,675	4,958	-8.4
Nebraska	1,592	1,629	1,880	-15.3
North Dakota	3,166	3,002	3,586	-11.7
South Dakota	314	307	341	-7.9
South Atlantic Total	23,379	24,879	29,878	-21.8
Delaware	498	549	438	13.6
District of Columbia	-	-	-	-
Florida	4,804	4,890	3,196	50.3
Georgia	4,926	5,252	6,505	-24.3
Maryland	1,476	1,304	1,604	-8.0
North Carolina	3,727	4,271	4,465	-16.5
South Carolina	1,661	1,914	1,968	-15.6
Virginia	1,211	1,144	2,300	-47.4
West Virginia	5,077	5,555	9,401	-46.0
East South Central Total	13,351	13,837	18,183	-26.6
Alabama	4,462	4,661	4,450	.3
Kentucky	4,124	4,003	7,679	-46.3
Mississippi	870	949	837	3.9
Tennessee	3,895	4,224	5,217	-25.3
West South Central Total	16,272	16,359	17,757	-8.4
Arkansas	1,899	1,784	2,329	-18.5
Louisiana	2,772	2,868	2,803	-1.1
Oklahoma	2,678	2,745	3,634	-26.3
Texas	8,922	8,961	8,992	-.8
Mountain Total	17,079	17,104	17,265	-1.1
Arizona	4,187	4,143	3,813	9.8
Colorado	3,763	3,697	3,635	3.5
Idaho	-	-	-	-
Montana	913	934	851	7.2
Nevada	1,434	1,505	1,782	-19.5
New Mexico	1,392	1,278	1,246	11.7
Utah	2,772	2,915	3,133	-11.5
Wyoming	2,619	2,633	2,805	-6.6
Pacific Total	1,698	1,705	1,180	44.0
California	-	-	-	-
Oregon	786	786	561	40.1
Washington	910	916	615	47.9
Alaska	3	3	4	-23.6
Hawaii	-	-	-	-
U.S. Total	146,143	149,746	170,797	-14.4

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 6. Coal Consumption at Electric Utility Plants: December 1988
(Thousand Short Tons)

Census Division and State	December 1988	November 1988	December 1987	Year to Date		
				1988	1987	Percent Change
New England Total	610	584	613	6,330	6,217	1.8
Connecticut	89	76	88	854	787	8.5
Maine	-	-	-	-	-	-
Massachusetts	423	394	404	4,260	4,267	-2
New Hampshire	99	113	121	1,217	1,163	4.6
Rhode Island	0	0	0	0	0	-
Vermont	-	-	-	-	-	-
Middle Atlantic Total	5,109	4,602	4,966	55,295	52,172	6.0
New Jersey	353	306	256	3,009	3,081	-2.3
New York	863	731	828	9,120	7,828	16.5
Pennsylvania	3,893	3,565	3,882	43,166	41,263	4.6
East North Central Total	14,133	12,825	12,595	163,501	161,833	1.0
Illinois	2,474	2,298	1,911	26,681	28,894	-7.7
Indiana	3,687	3,043	2,939	40,060	36,987	8.3
Michigan	2,426	2,382	2,452	30,007	30,854	-2.7
Ohio	4,062	3,698	3,897	48,893	47,520	2.9
Wisconsin	1,484	1,404	1,395	17,861	17,579	1.6
West North Central Total	9,286	8,197	8,464	99,780	89,174	11.9
Iowa	1,175	792	1,211	12,697	12,997	-2.3
Kansas	1,516	1,359	1,420	14,742	14,942	-1.3
Minnesota	1,311	1,382	1,438	16,166	13,495	19.8
Missouri	2,292	1,908	1,933	24,356	23,012	5.8
Nebraska	808	619	534	7,744	6,428	20.5
North Dakota	1,954	1,942	1,908	21,686	17,434	24.4
South Dakota	230	194	20	2,388	865	175.9
South Atlantic Total	11,596	10,173	10,238	128,628	125,582	2.4
Delaware	229	201	213	2,420	2,449	-1.2
District of Columbia	-	-	-	-	-	-
Florida	1,973	1,822	1,973	23,528	22,598	4.1
Georgia	2,096	1,978	2,144	26,513	27,130	-2.3
Maryland	626	683	697	9,020	8,228	9.8
North Carolina	1,837	1,331	1,210	17,766	17,255	3.0
South Carolina	970	775	599	9,210	9,019	2.1
Virginia	900	772	737	8,469	8,297	2.1
West Virginia	2,963	2,810	2,664	31,704	30,605	3.6
East South Central Total	6,612	6,078	6,409	77,709	74,573	4.2
Alabama	1,711	1,529	1,530	20,022	20,746	-3.5
Kentucky	2,631	2,485	2,482	31,818	28,569	11.4
Mississippi	365	343	419	4,859	4,562	6.5
Tennessee	1,905	1,720	1,978	21,010	20,697	1.5
West South Central Total	10,502	8,544	9,891	121,366	113,455	7.0
Arkansas	1,054	1,081	905	12,295	11,764	4.5
Louisiana	1,180	643	818	12,301	10,029	22.7
Oklahoma	1,178	1,119	948	14,435	12,861	12.2
Texas	7,090	5,701	7,220	82,335	78,802	4.5
Mountain Total	8,543	7,829	8,774	98,346	89,145	10.3
Arizona	910	1,144	1,276	13,927	12,706	9.6
Colorado	1,351	1,281	1,264	15,087	14,178	6.4
Idaho	-	-	-	-	-	-
Montana	986	923	981	10,410	7,530	36.3
Nevada	652	427	689	8,153	6,807	19.8
New Mexico	1,393	1,169	1,304	14,661	14,340	2.2
Utah	1,063	813	1,062	12,544	11,175	12.2
Wyoming	2,187	2,073	2,218	23,563	22,408	5.2
Pacific Total	492	440	602	5,837	5,742	1.6
California	-	-	-	-	-	-
Oregon	0	0	0	0	0	-
Washington	468	416	575	5,561	5,468	1.7
Alaska	25	24	27	276	274	.7
Hawaii	-	-	-	-	-	-
U.S. Total	66,884	59,271	62,551	756,793	717,894	5.4

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 7. Coal Exports by Continent and Country of Destination:
December 1988
(Short Tons)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total	2,455,959	2,197,995	2,469,730	19,672,320	16,464,461	19.5
Canada	2,442,984	2,179,087	2,447,933	19,231,950	16,226,641	18.5
Costa Rica	-	-	-	187	9	(¹)
Dominican Republic	-	-	-	76,934	62,067	24.0
Haiti	-	6,609	-	39,497	-	-
Honduras	-	-	-	47	58	-19.0
Jamaica	-	-	-	19,516	-	-
Mexico	12,975	12,299	21,640	304,169	105,834	187.4
Netherlands Antilles	-	-	-	-	69,024	-
Panama	-	-	-	-	88	-
Trinidad & Tobago	-	-	157	-	740	-
South America Total	640,346	584,411	763,490	5,958,557	6,719,971	-11.3
Argentina	61,887	121,082	122,613	609,842	748,346	-18.5
Brazil	576,989	463,329	635,186	5,252,100	5,830,034	-9.9
Chile	-	-	-	56,212	93,311	-39.8
Colombia	-	-	-	15	-	-
Ecuador	-	-	-	364	101	260.4
Guyana	-	-	-	-	11	-
Peru	75	-	-	165	29,464	-99.4
Venezuela	1,395	-	5,691	39,859	18,704	113.1
Europe Total	4,229,197	4,034,703	2,816,945	45,137,209	34,159,356	32.1
Albania	27,888	-	-	182,808	83,284	119.5
Belgium & Luxembourg	491,673	744,405	574,547	6,490,382	4,577,953	41.8
Denmark	131,445	133,522	-	2,804,211	933,662	200.3
Finland	-	-	-	68,131	171,734	-60.3
France	255,780	394,700	230,796	4,301,915	2,886,129	49.1
Gibraltar	-	-	-	-	17,003	-
Greece	-	-	-	200	-	-
Iceland	8,104	7,795	5,370	49,520	42,164	17.4
Ireland	94,592	172,283	164,909	1,469,337	1,409,747	4.2
Italy	1,209,373	606,773	890,898	11,069,756	9,537,152	16.1
Netherlands	631,964	435,173	385,415	5,085,560	4,093,387	24.2
Norway	22,820	5,468	31,975	269,435	172,876	55.9
Portugal	-	93,834	-	883,396	1,286,502	-31.3
Romania	405,293	190,850	118,130	1,512,335	1,098,397	37.7
Spain	331,289	271,897	268,240	2,541,850	2,454,490	3.6
Sweden	-	148,098	-	717,588	668,381	7.4
Turkey	180,531	252,327	-	2,023,463	771,778	162.2
United Kingdom	239,749	461,221	128,479	3,670,636	2,588,662	41.8
West Germany	-	8,702	18,186	701,539	477,028	47.1
Yugoslavia	198,696	107,655	-	1,295,147	889,028	45.7
Asia Total	1,658,412	1,422,247	1,734,614	23,074,864	20,205,661	14.2
China (Taiwan)	441,909	234,542	384,119	4,674,364	4,768,704	-2.0
India	-	-	-	-	53	-
Indonesia	-	-	-	553	164	237.2
Israel	-	-	-	243,427	242,894	.2
Japan	794,558	936,776	953,880	14,122,057	11,082,422	27.4
Jordan	-	-	-	56	-	-
Korea, Republic of	420,705	249,747	396,615	3,939,200	4,024,923	-2.1
Kuwait	-	-	-	-	33	-
Pakistan	-	-	-	68,305	85,725	3.0
Philippines	648	-	-	823	182	352.2
Saudi Arabia	-	-	-	659	452	45.8
Singapore	173	-	-	1,344	109	(¹)
Thailand	419	890	-	3,337	-	-
United Arab Emirates	-	292	-	739	-	-

¹ Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 7. Coal Exports by Continent and Country of Destination:
December 1988 (Continued)
(Short Tons)**

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
Oceania & Australia Total	176	-	-	2,040	1,586	28.6
Australia	-	-	-	847	921	-8.0
French Pacific Isl	176	-	-	697	532	31.0
New Zealand	-	-	-	496	133	272.9
Africa Total	39,188	98,610	257,025	1,178,024	2,056,226	-42.7
Algeria	-	-	95,942	707,898	910,263	-22.2
Egypt	-	98,610	47,470	430,869	467,053	-7.7
Gabon	-	-	-	69	-	-
Liberia	-	-	113,613	-	113,613	-
Morocco	39,188	-	-	39,188	503,639	-92.2
Nigeria	-	-	-	-	11	-
South Africa, Rep of	-	-	-	-	61,647	-
Total	9,023,278	8,337,966	8,041,804	95,023,014	79,607,261	19.4

Note: Total may not equal sum of components because of independent rounding.
Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 8. Average Price¹ of Coal Exports: December 1988
(Dollars per Short Ton)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total	\$40.19	\$41.74	\$40.05	\$41.92	\$41.90	0.1
Canada	40.15	41.79	39.90	41.90	41.79	.3
Costa Rica	-	-	-	34.99	(²)	-89.7
Dominican Republic	-	-	-	37.75	39.24	-3.8
Haiti	-	30.21	-	30.25	-	-
Honduras	-	-	-	(²)	(²)	-52.2
Jamaica	-	-	-	27.62	-	-
Mexico	48.83	38.68	55.31	46.97	(²)	-22.4
Netherlands Antilles	-	-	-	-	38.75	-
Panama	-	-	-	-	(²)	-
Trinidad & Tobago	-	-	(²)	-	(²)	-
South America Total	44.61	45.62	43.58	44.76	44.45	.7
Argentina	42.56	43.77	41.96	43.71	43.32	.9
Brazil	44.31	46.10	43.32	44.65	44.21	1.0
Chile	-	-	-	46.99	45.98	2.2
Colombia	-	-	-	(²)	-	-
Ecuador	-	-	-	34.92	(²)	-79.5
Guyana	-	-	-	-	(²)	-
Peru	39.87	-	-	39.94	50.96	-21.6
Venezuela	(²)	-	(²)	(²)	(²)	-50.6
Europe Total	43.65	42.22	42.32	42.14	42.52	-.9
Albania	39.36	-	-	39.32	39.87	-1.4
Belgium & Luxembourg	43.62	43.69	40.85	42.33	41.61	1.7
Denmark	29.70	27.80	-	30.09	33.01	-8.9
Finland	-	-	-	41.73	41.11	1.5
France	41.65	42.51	42.30	43.83	43.12	1.6
Gibraltar	-	-	-	-	43.18	-
Greece	-	-	-	39.95	-	-
Iceland	52.82	50.72	48.36	53.24	55.61	-4.3
Ireland	44.49	42.58	45.30	41.60	43.97	-5.4
Italy	44.22	43.16	41.82	42.72	41.58	2.7
Netherlands	40.92	40.57	42.36	40.37	43.31	-6.8
Norway	(²)	(²)	45.86	56.02	(²)	-9.9
Portugal	-	36.46	-	38.98	42.91	-9.2
Romania	47.28	41.62	41.92	43.56	42.92	1.5
Spain	45.88	44.19	43.57	45.17	43.98	2.7
Sweden	-	40.22	-	44.46	43.59	2.0
Turkey	43.67	42.18	-	43.40	44.15	-1.7
United Kingdom	46.01	44.47	44.44	44.57	44.26	.7
West Germany	-	37.77	46.63	44.47	41.79	6.4
Yugoslavia	43.76	42.53	-	44.52	43.30	2.8
Asia Total	41.47	43.84	40.91	41.93	43.51	-3.6
China (Taiwan)	41.08	40.42	40.33	40.21	39.94	.7
India	-	-	-	-	39.62	-
Indonesia	-	-	-	40.02	39.90	.3
Israel	-	-	-	36.91	36.56	1.0
Japan	40.94	44.98	41.36	42.32	45.82	-7.6
Jordan	-	-	-	50.00	-	-
Korea, Republic of	42.88	42.80	40.40	42.57	41.54	2.5
Kuwait	-	-	-	-	(²)	-
Pakistan	-	-	-	55.00	54.43	1.0
Philippines	35.62	-	-	(²)	36.19	66.7
Saudi Arabia	-	-	-	39.99	(²)	-39.7
Singapore	40.02	-	-	35.66	(²)	-76.7
Thailand	53.93	35.06	-	37.85	-	-
United Arab Emirates	-	34.96	-	42.19	-	-

¹ Based on the free alongside ship (f.a.s.) value.

² Average prices of \$60.00 or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 8. Average Price¹ of Coal Exports: December 1988 (Continued)
(Dollars per Short Ton)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
Oceania & Australia Total	\$40.09	-	-	\$41.63	\$50.34	-17.3
Australia	-	-	-	42.14	57.80	-27.1
French Pacific Isl	40.09	-	-	40.02	40.01	(*)
New Zealand	-	-	-	43.03	40.00	7.6
Africa Total	33.34	\$44.13	\$41.03	43.88	41.33	6.2
Algeria	-	-	40.83	44.31	43.72	1.3
Egypt	-	44.13	41.93	44.13	42.08	4.9
Gabon	-	-	-	40.17	-	-
Liberia	-	-	40.82	-	40.82	-
Morocco	33.34	-	-	33.34	35.55	-6.2
Nigeria	-	-	-	-	(*)	-
South Africa, Rep of	-	-	-	-	48.25	-
Total	42.33	42.63	41.40	42.23	42.77	-1.3

¹ Based on the free alongside ship (f.a.s.) value.

² Average prices of \$60.00 or more are not shown.

(*) Rounded to zero

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 9. Coal Exports by Continent and Country of Destination, and Rank:
December 1988
(Short Tons)

Continent and Country of Destination	Anthracite	Lignite ¹	Bituminous			Total
			Metallurgical	Steam ²	Total	
North America Total	47,551	8,230	660,141	1,740,037	2,400,178	2,455,959
Canada	45,763	-	657,184	1,740,037	2,397,221	2,442,984
Mexico	1,788	8,230	2,957	-	2,957	12,975
South America Total	1,395	260	638,616	75	638,691	640,346
Argentina	-	260	61,627	-	61,627	61,887
Brazil	-	-	576,989	-	576,989	576,989
Peru	-	-	-	75	75	75
Venezuela	1,395	-	-	-	-	1,395
Europe Total	11,767	630	3,237,852	978,948	4,216,800	4,229,197
Albania	-	-	27,888	-	27,888	27,888
Belgium & Luxembourg	-	-	491,673	-	491,673	491,673
Denmark	-	-	-	131,445	131,445	131,445
France	-	-	255,780	-	255,780	255,780
Iceland	-	-	-	8,104	8,104	8,104
Ireland	-	-	-	94,592	94,592	94,592
Italy	-	567	813,788	395,018	1,208,806	1,209,373
Netherlands	-	-	319,730	312,234	631,964	631,964
Norway	6,346	-	9,521	6,953	16,474	22,820
Romania	-	-	405,293	-	405,293	405,293
Spain	-	-	330,780	499	331,289	331,289
Turkey	5,421	63	175,047	-	175,047	180,531
United Kingdom	-	-	221,621	18,128	239,749	239,749
Yugoslavia	-	-	186,721	11,975	198,696	198,696
Asia Total	35,713	682	1,018,135	603,882	1,622,017	1,658,412
China (Taiwan)	-	-	-	441,909	441,909	441,909
Japan	-	607	708,856	85,085	793,951	794,558
Korea, Republic of	34,721	-	309,279	76,705	385,984	420,705
Philippines	573	75	-	-	-	648
Singapore	-	-	-	173	173	173
Thailand	419	-	-	-	-	419
Oceania & Australia Total	-	176	-	-	-	176
French Pacific Isl	-	176	-	-	-	176
Africa Total	-	-	-	39,188	39,188	39,188
Morocco	-	-	-	39,188	39,188	39,188
Total	96,426	9,978	5,554,744	3,362,130	8,916,874	9,023,278

¹ Includes drilling mud containing lignite.

² Includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 10. Coal Exports by Continent and Country of Destination, and Rank:
January - December 1988
(Short Tons)

Continent and Country of Destination	Anthracite	Lignite ¹	Bituminous			Total
			Metallurgical	Steam ²	Total	
North America Total	527,869	44,055	7,555,927	11,544,469	19,100,396	19,672,320
Canada	508,020	753	7,278,137	11,447,040	18,725,177	19,231,950
Costa Rica	187	-	-	-	-	187
Dominican Republic	-	-	76,934	-	76,934	76,934
Haiti	-	-	-	39,497	39,497	39,497
Honduras	22	-	25	-	25	47
Jamaica	-	-	-	19,516	19,516	19,516
Mexico	21,640	43,302	200,831	38,416	239,247	304,189
South America Total	55,529	330	5,770,897	131,801	5,902,698	5,958,557
Argentina	36	260	609,546	-	609,546	609,842
Brazil	14,972	70	5,105,422	131,636	5,237,058	5,252,100
Chile	283	-	55,929	-	55,929	56,212
Colombia	15	-	-	-	-	15
Ecuador	364	-	-	-	-	364
Peru	-	-	-	165	165	165
Venezuela	39,859	-	-	-	-	39,859
Europe Total	44,760	1,451	31,771,318	13,319,880	45,090,998	45,137,209
Albania	-	-	182,808	-	182,808	182,808
Belgium & Luxembourg	-	-	5,593,877	896,505	6,490,382	6,490,382
Denmark	-	-	135,914	2,668,297	2,804,211	2,804,211
Finland	-	-	68,131	-	68,131	68,131
France	5	-	4,278,227	23,683	4,301,910	4,301,915
Greece	-	-	-	200	200	200
Iceland	-	-	-	49,520	49,520	49,520
Ireland	-	-	26,680	1,442,657	1,469,337	1,469,337
Italy	-	844	6,394,536	4,674,376	11,068,912	11,069,756
Netherlands	-	-	2,727,258	2,358,302	5,085,560	5,085,560
Norway	37,554	267	122,990	108,624	231,614	269,435
Portugal	-	-	199,683	683,733	883,396	883,396
Romania	-	-	1,512,335	-	1,512,335	1,512,335
Spain	-	219	2,500,768	40,863	2,541,631	2,541,850
Sweden	-	-	586,501	131,087	717,588	717,588
Turkey	5,521	121	2,017,722	89	2,017,821	2,023,463
United Kingdom	132	-	3,542,774	127,730	3,670,504	3,670,638
West Germany	314	-	845,919	55,306	701,225	701,539
Yugoslavia	1,234	-	1,235,215	58,698	1,293,913	1,295,147
Asia Total	271,872	68,668	15,712,948	7,021,378	22,734,324	23,074,864
China (Taiwan)	-	67,058	685,897	3,921,409	4,607,306	4,674,364
Indonesia	-	83	-	470	470	553
Israel	-	-	-	243,427	243,427	243,427
Japan	-	1,331	12,115,538	2,005,188	14,120,726	14,122,057
Jordan	-	-	56	-	56	56
Korea, Republic of	266,445	-	2,823,150	849,605	3,672,755	3,939,200
Pakistan	-	-	88,305	-	88,305	88,305
Philippines	627	196	-	-	-	823
Saudi Arabia	-	-	-	659	659	659
Singapore	1,171	-	-	173	173	1,344
Thailand	3,337	-	-	-	-	3,337
United Arab Emirates	292	-	-	447	447	739
Oceania & Australia Total	700	697	-	643	643	2,040
Australia	639	0	-	208	208	847
French Pacific Isl.	-	697	-	-	-	697
New Zealand	61	-	-	435	435	496
Africa Total	-	-	1,138,767	39,257	1,178,024	1,178,024
Algeria	-	-	707,898	-	707,898	707,898
Egypt	-	-	430,869	-	430,869	430,869
Gabon	-	-	-	69	69	69
Morocco	-	-	-	39,188	39,188	39,188
Total	900,730	115,201	61,948,855	32,057,228	94,007,083	95,023,014

¹ Includes drilling mud containing lignite.

² Includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 622."

Table 11. Coal Exports by Customs District and Rank: December 1988
(Short Tons)

Customs District	Anthracite	Lignite ¹	Bituminous			Total
			Metallurgical	Steam ²	Total	
Eastern Total	91,282	323	3,841,554	797,331	4,638,885	4,730,490
Baltimore, MD	-	260	327,184	68,807	395,991	396,251
Buffalo, NY	6,217	-	149	293	442	6,659
New York City, NY	34,721	63	-	-	-	34,784
Ogdensburg, NY	1,735	-	-	592	592	2,327
Philadelphia, PA	48,036	-	37,939	109,229	147,168	195,204
Norfolk, VA	573	-	3,476,282	618,410	4,094,692	4,095,265
Southern Total	3,183	8,151	1,006,465	539,718	1,546,183	1,557,517
Mobile, AL	-	-	618,325	-	618,325	618,325
New Orleans, LA	1,395	-	122,397	507,044	629,441	630,836
Wilmington, NC	-	-	126,018	-	126,018	126,018
Charleston, SC	-	-	139,725	11,975	151,700	151,700
Houston-Galveston, TX	-	-	-	20,699	20,699	20,699
Laredo, TX	1,788	8,151	-	-	-	9,939
Western Total	558	937	51,374	278,778	330,152	331,647
Anchorage, AK	-	-	-	76,705	76,705	76,705
Los Angeles, CA	419	75	16,800	201,900	218,700	219,194
San Diego, CA	-	79	-	-	-	79
San Francisco, CA	-	-	32,890	-	32,890	32,890
Great Falls, MT	139	-	359	-	359	498
Portland, OR	-	176	-	-	-	176
Seattle, WA	-	607	1,325	173	1,498	2,105
Northern Total	1,403	567	655,351	1,746,303	2,401,654	2,403,824
Chicago, IL	-	-	-	13,981	13,981	13,981
Detroit, MI	1,403	567	-	274	274	2,244
Duluth, MN	-	-	-	57,599	57,599	57,599
Cleveland, OH	-	-	655,351	1,674,449	2,329,800	2,329,800
Total	96,426	9,978	5,554,744	3,362,130	8,916,874	9,023,278

¹ Includes drilling mud containing lignite.

² Includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 12. Coal Exports by Customs District and Rank:
January - December 1988
(Short Tons)**

Customs District	Anthracite	Lignite ¹	Bituminous			Total
			Metallurgical	Steam ²	Total	
Eastern Total	835,644	599	44,475,384	9,517,709	53,993,093	54,829,336
Baltimore, MD	1,398	401	4,514,326	2,965,827	7,480,153	7,481,950
Buffalo, NY	53,734	-	877	3,086	3,963	57,697
New York City, NY	138,149	198	-	45	45	138,392
Ogdensburg, NY	7,719	-	-	5,562	5,562	13,281
Philadelphia, PA	633,648	-	194,546	1,517,314	1,711,860	2,345,508
Norfolk, VA	998	-	39,765,635	5,025,489	44,791,124	44,792,122
St. Albans, VT	-	-	-	386	386	386
Southern Total	46,920	43,018	9,924,284	8,906,167	18,830,451	18,920,389
Mobile, AL	-	-	7,361,606	916,409	8,278,015	8,278,015
Savannah, GA	-	84	-	-	-	84
Miami, FL	22	-	-	13	13	35
New Orleans, LA	27,881	-	1,446,515	7,777,248	9,223,763	9,251,644
Wilmington, NC	-	-	375,262	500	375,762	375,762
Charleston, SC	-	113	740,349	98,234	838,583	838,696
El Paso, TX	-	-	61	-	61	61
Houston-Galveston, TX	16	337	123	109,169	109,292	109,645
Laredo, TX	19,001	42,484	368	4,594	4,962	66,447
Western Total	3,525	70,198	315,046	1,800,009	2,115,055	2,188,778
Anchorage, AK	-	-	-	826,871	826,871	826,871
Los Angeles, CA	2,589	75	216,107	834,831	1,050,938	1,053,602
San Diego, CA	-	818	-	609	609	1,427
San Francisco, CA	20	521	32,890	10,659	43,549	44,090
Great Falls, MT	139	98	359	905	1,264	1,501
Portland, OR	-	176	-	110	110	286
Seattle, WA	777	68,510	65,690	126,024	191,714	261,001
Northern Total	14,641	1,386	7,235,141	11,833,343	19,068,484	19,084,511
Chicago, IL	-	-	176	14,006	14,182	14,182
Detroit, MI	13,610	980	593	33,370	33,963	48,553
Duluth, MN	-	-	24,315	171,756	196,071	196,071
Pembina, ND	1,031	406	197	3,202	3,399	4,836
Cleveland, OH	-	-	7,209,860	11,611,009	18,820,869	18,820,869
Total	900,730	115,201	61,949,855	32,057,228	94,007,083	95,023,014

¹ Includes drilling mud containing lignite.

² Includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 13. Bituminous¹ Coal Exports: December 1988
(Short Tons)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total	2,400,178	2,143,028	2,448,784	19,100,386	15,987,178	19.6
Canada	2,397,221	2,135,935	2,439,573	18,725,177	15,778,445	18.7
Dominican Republic	-	-	-	76,934	62,012	24.1
Haiti	-	6,609	-	39,497	-	-
Honduras	-	-	-	25	36	-30.6
Jamaica	-	-	-	19,516	-	-
Mexico	2,957	484	9,211	239,247	57,715	314.5
Netherlands Antilles	-	-	-	-	68,970	-11.7
South America Total	638,691	576,950	752,229	5,902,698	6,683,855	-11.7
Argentina	61,627	121,082	122,613	609,546	747,727	-18.5
Brazil	576,989	455,868	629,616	5,237,058	5,813,360	-9.9
Chile	-	-	-	55,929	93,293	-40.1
Guyana	-	-	-	-	11	-
Peru	75	-	-	165	29,484	-99.4
Europe Total	4,216,800	4,034,431	2,816,945	45,090,998	34,124,041	32.1
Albania	27,888	-	-	182,808	83,284	119.5
Belgium & Luxembourg	491,673	744,405	574,547	6,490,382	4,577,953	41.8
Denmark	131,445	133,522	-	2,804,211	933,662	200.3
Finland	-	-	-	60,131	171,734	-60.3
France	255,780	394,695	230,798	4,301,910	2,886,128	49.1
Gibraltar	-	-	-	-	17,003	-
Greece	-	-	-	200	-	-
Iceland	8,104	7,795	5,370	49,520	42,164	17.4
Ireland	94,592	172,283	164,909	1,469,337	1,409,747	4.2
Italy	1,208,806	606,773	890,898	11,068,912	9,536,932	16.1
Netherlands	631,964	435,173	385,415	5,085,560	4,093,387	24.2
Norway	16,474	5,201	31,975	231,614	141,950	63.2
Portugal	-	93,834	-	883,396	1,286,502	-31.3
Romania	405,293	190,850	118,130	1,512,335	1,098,397	37.7
Spain	331,289	271,897	268,240	2,541,831	2,454,220	3.6
Sweden	-	148,098	-	717,588	668,381	7.4
Turkey	175,047	252,327	-	2,017,821	771,778	161.6
United Kingdom	239,749	461,221	128,479	3,670,504	2,585,527	42.0
West Germany	-	8,702	18,186	701,225	476,384	47.2
Yugoslavia	198,696	107,655	-	1,293,913	888,908	45.8
Asia Total	1,622,017	1,388,192	1,734,027	22,734,324	19,560,595	16.2
China (Taiwan)	441,909	201,805	384,119	4,607,306	4,768,704	-3.4
Indonesia	-	-	-	470	164	186.6
Israel	-	-	-	243,427	242,894	.2
Japan	793,951	936,640	953,293	14,120,726	11,080,715	27.4
Jordan	-	-	-	56	-	-
Korea, Republic of	385,984	249,747	396,615	3,672,755	3,381,941	8.6
Pakistan	-	-	-	88,305	85,725	3.0
Saudi Arabia	-	-	-	659	452	45.8
Singapore	173	-	-	173	-	-
United Arab Emirates	-	-	-	447	-	-
Oceania & Australia Total	-	-	-	643	440	46.1
Australia	-	-	-	208	307	-32.2
New Zealand	-	-	-	435	133	227.1
Africa Total	39,188	98,610	257,025	1,178,024	2,056,189	-42.7
Algeria	-	-	95,942	707,898	910,263	-22.2
Egypt	-	98,610	47,470	430,869	467,027	-7.7
Gabon	-	-	-	69	-	-
Liberia	-	-	113,613	-	113,613	-
Morocco	39,188	-	-	39,188	503,639	-92.2
South Africa, Rep of	-	-	-	-	61,647	-
Total	8,916,874	8,241,211	8,009,010	94,007,083	78,392,298	19.9

¹ Includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 14. Average Price¹ of Bituminous² Coal Exports: December 1988
(Dollars per Short Ton)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total	\$39.83	\$41.37	\$39.95	\$41.40	\$41.32	0.2
Canada	39.78	41.41	39.81	41.36	41.20	.4
Dominican Republic	-	-	-	37.75	39.01	-3.2
Haiti	-	30.21	-	30.25	-	-
Honduras	-	-	-	(³)	(³)	-56.6
Jamaica	-	-	-	27.62	-	-
Mexico	(³)	40.00	(³)	48.79	(³)	-38.5
Netherlands Antilles	-	-	-	-	38.75	-
South America Total	44.14	44.90	42.66	44.43	44.03	.9
Argentina	42.57	43.77	41.96	43.71	43.32	.9
Brazil	44.31	45.20	42.80	44.49	44.06	1.0
Chile	-	-	-	47.05	45.97	2.4
Guyana	-	-	-	-	(³)	-
Peru	39.87	-	-	39.94	50.96	-21.6
Europe Total	43.53	42.22	42.32	42.10	42.48	-.9
Albania	39.36	-	-	39.32	39.87	-1.4
Belgium & Luxembourg	43.62	43.69	40.85	42.33	41.61	1.7
Denmark	29.70	27.80	-	30.09	33.01	-8.9
Finland	-	-	-	41.73	41.11	1.5
France	41.65	42.50	42.30	43.83	43.12	1.6
Gibraltar	-	-	-	-	43.18	-
Greece	-	-	-	39.95	-	-
Iceland	52.82	50.72	48.36	53.24	55.61	-4.3
Ireland	44.49	42.58	45.30	41.60	43.97	-5.4
Italy	44.22	43.16	41.82	42.72	41.58	2.7
Netherlands	40.92	40.57	42.36	40.37	43.31	-6.8
Norway	(³)	(³)	45.86	51.81	57.50	-9.9
Portugal	-	36.48	-	38.98	42.91	-9.2
Romania	47.28	41.62	41.92	43.56	42.92	1.5
Spain	45.88	44.19	43.57	45.17	43.99	2.7
Sweden	-	40.22	-	44.46	43.59	2.0
Turkey	42.18	42.18	-	43.28	44.15	-2.0
United Kingdom	46.01	44.47	44.44	44.57	44.27	.7
West Germany	-	37.77	46.63	44.47	41.77	6.5
Yugoslavia	43.76	42.53	-	44.52	43.30	2.8
Asia Total	41.68	44.37	40.90	42.07	43.88	-4.1
China (Taiwan)	41.08	43.52	40.33	40.49	39.94	1.4
Indonesia	-	-	-	40.00	39.90	.3
Israel	-	-	-	38.91	36.56	1.0
Japan	40.92	44.97	41.34	42.32	45.82	-7.6
Jordan	-	-	-	50.00	-	-
Korea, Republic of	43.84	42.80	40.40	43.14	43.31	-.4
Pakistan	-	-	-	55.00	54.43	1.0
Saudi Arabia	-	-	-	39.99	(³)	-39.7
Singapore	40.02	-	-	40.02	-	-
United Arab Emirates	-	-	-	46.90	-	-
Oceania & Australia Total	-	-	-	39.94	(³)	-52.3
Australia	-	-	-	40.02	(³)	-61.1
New Zealand	-	-	-	39.90	40.00	-.3
Africa Total	33.34	44.13	41.03	43.88	41.32	6.2
Algeria	-	-	40.83	44.31	43.72	1.3
Egypt	-	44.13	41.93	44.13	42.08	4.9
Gabon	-	-	-	40.17	-	-
Liberia	-	-	40.82	-	40.82	-
Morocco	33.34	-	-	33.34	35.55	-6.2
South Africa, Rep of	-	-	-	-	48.25	-
Total	42.19	42.57	41.28	42.12	42.69	-1.3

¹ Based on the free alongside ship (f.a.s.) value.

² Includes subbituminous coal.

³ Average prices of \$60.00 or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 15. Bituminous Metallurgical Coal Exports: December 1988
(Short Tons)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total	660,141	899,066	833,241	7,555,927	6,552,578	15.3
Canada	657,184	899,066	830,188	7,278,137	6,412,792	13.5
Dominican Republic	-	-	-	76,934	61,965	24.2
Honduras	-	-	-	25	-	-
Mexico	2,957	-	3,053	200,831	8,851	(¹)
Netherlands Antilles	-	-	-	-	68,970	-
South America Total	638,616	576,950	752,229	5,770,897	6,520,959	-11.5
Argentina	61,627	121,082	122,613	609,546	746,518	-18.3
Brazil	576,989	455,868	629,616	5,105,422	5,681,148	-10.1
Chile	-	-	-	55,929	93,293	-40.1
Europe Total	3,237,852	2,914,464	1,980,882	31,771,318	23,895,060	33.0
Albania	27,888	-	-	182,808	83,284	119.5
Belgium & Luxembourg	491,673	641,553	453,279	5,593,877	3,936,842	42.1
Denmark	-	68,885	-	135,814	-	-
Finland	-	-	-	68,131	171,734	-60.3
France	255,780	394,695	230,796	4,278,227	2,767,661	54.8
Gibraltar	-	-	-	-	17,003	-
Ireland	-	-	-	26,680	90,367	-70.5
Italy	813,788	297,765	510,338	6,394,536	5,265,029	21.5
Netherlands	319,730	244,073	208,882	2,727,258	2,600,944	4.9
Norway	9,521	5,201	31,975	122,990	135,477	-9.2
Portugal	-	-	-	199,663	196,584	1.6
Romania	405,293	190,850	118,130	1,512,335	1,098,397	37.7
Spain	330,790	258,553	260,817	2,500,768	2,353,893	6.2
Sweden	-	64,155	-	586,501	668,381	-12.3
Turkey	175,047	252,327	-	2,017,722	771,778	161.4
United Kingdom	221,621	380,050	128,479	3,542,774	2,585,527	37.0
West Germany	-	8,702	18,188	645,919	324,089	99.3
Yugoslavia	186,721	107,655	-	1,235,215	828,270	49.1
Asia Total	1,018,135	1,073,663	1,098,197	15,712,948	13,157,882	19.4
China (Taiwan)	-	62,256	78,642	685,897	483,067	42.0
Japan	708,856	842,901	760,608	12,115,538	10,110,006	19.8
Jordan	-	-	-	58	-	-
Korea, Republic of	309,279	168,506	252,947	2,823,150	2,479,084	13.9
Pakistan	-	-	-	88,305	85,725	3.0
Africa Total	-	98,610	257,025	1,138,767	1,552,550	-26.7
Algeria	-	-	95,942	707,898	910,263	-22.2
Egypt	-	98,610	47,470	430,869	467,027	-7.7
Liberia	-	-	113,613	-	113,613	-
South Africa, Rep of	-	-	-	-	61,647	-
Total	5,554,744	5,562,753	4,901,574	61,949,855	51,679,029	19.9

¹ Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 16. Average Price¹ of Bituminous Metallurgical Coal Exports: December 1988
(Dollars per Short Ton)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total	\$43.17	\$46.01	\$42.62	\$45.62	\$44.58	2.3
Canada	43.00	46.01	42.48	45.78	44.65	2.5
Dominican Republic	-	-	-	37.75	38.79	-2.7
Honduras	-	-	-	(²)	-	-
Mexico	(²)	-	(²)	43.01	(²)	-47.3
Netherlands Antilles	-	-	-	-	38.75	-
South America Total	44.14	44.90	42.66	44.39	43.99	.9
Argentina	42.57	43.77	41.96	43.71	43.27	1.0
Brazil	44.31	45.20	42.80	44.44	44.05	.9
Chile	-	-	-	47.05	45.97	2.4
Europe Total	44.80	43.79	43.44	44.00	43.76	.6
Albania	39.36	-	-	39.32	39.87	-1.4
Belgium & Luxembourg	43.62	45.33	42.75	43.78	42.58	2.8
Denmark	-	26.99	-	26.99	-	-
Finland	-	-	-	41.73	41.11	1.5
France	41.65	42.50	42.30	43.88	43.40	1.1
Gibraltar	-	-	-	-	43.19	-
Ireland	-	-	-	42.31	41.64	1.6
Italy	46.05	46.31	45.02	44.85	44.37	.6
Netherlands	43.60	42.56	42.27	42.39	44.04	-3.8
Norway	(²)	(²)	45.86	59.38	57.48	3.3
Portugal	-	-	-	42.09	44.50	-5.4
Romania	47.28	41.62	41.92	43.56	42.92	1.5
Spain	45.89	43.49	43.14	44.96	44.28	1.5
Sweden	-	46.56	-	46.20	43.59	6.0
Turkey	42.18	42.18	-	43.28	44.15	-2.0
United Kingdom	45.92	46.44	44.44	44.83	44.27	1.3
West Germany	-	37.77	46.63	44.16	43.50	1.5
Yugoslavia	42.20	42.53	-	43.40	42.43	2.3
Asia Total	42.80	46.03	42.82	43.73	46.17	-5.3
China (Taiwan)	-	44.29	41.82	44.02	42.15	4.4
Japan	41.68	46.31	42.87	43.32	46.62	-7.1
Jordan	-	-	-	50.00	-	-
Korea, Republic of	45.37	45.28	42.98	45.05	44.82	.5
Pakistan	-	-	-	55.00	54.43	1.0
Africa Total	-	44.13	41.03	44.24	43.20	2.4
Algeria	-	-	40.83	44.31	43.72	1.3
Egypt	-	44.13	41.93	44.13	42.08	4.9
Liberia	-	-	40.82	-	40.82	-
South Africa, Rep of	-	-	-	-	48.25	-
Total	44.17	44.70	42.92	44.17	44.49	-.7

¹ Based on the free alongside ship (f.a.s.) value.

² Average prices of \$60.00 or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 17. Bituminous Steam¹ Coal Exports: December 1988
(Short Tons)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total	1,740,037	1,243,982	1,615,543	11,544,469	9,414,600	22.6
Canada	1,740,037	1,236,869	1,609,385	11,447,040	9,365,653	22.2
Dominican Republic	-	-	-	-	47	-
Haiti	-	6,609	-	39,497	-	-
Honduras	-	-	-	-	36	-
Jamaica	-	-	-	19,516	-	-
Mexico	-	484	6,158	38,416	48,864	-21.4
South America Total	75	-	-	131,801	162,896	-19.1
Argentina	-	-	-	-	1,209	-
Brazil	-	-	-	131,636	132,212	-.4
Guyana	-	-	-	-	11	-
Peru	75	-	-	165	29,464	-89.4
Europe Total	978,948	1,119,987	856,063	13,319,680	10,228,981	30.2
Belgium & Luxembourg	-	102,852	121,268	896,505	641,311	39.8
Denmark	131,445	64,637	-	2,668,297	933,662	185.8
France	-	-	-	23,683	118,467	-80.0
Greece	-	-	-	200	-	-
Iceland	8,104	7,795	5,370	49,520	42,164	17.4
Ireland	94,592	172,283	164,909	1,442,657	1,319,380	9.3
Italy	395,018	309,008	380,560	4,674,376	4,271,903	9.4
Netherlands	312,234	191,100	176,533	2,358,302	1,492,443	58.0
Norway	6,953	-	-	108,624	6,473	(²)
Portugal	-	93,834	-	683,733	1,089,918	-37.3
Spain	499	13,344	7,423	40,863	100,327	-59.3
Sweden	-	83,943	-	131,087	-	-
Turkey	-	-	-	99	-	-
United Kingdom	18,128	81,171	-	127,730	-	-
West Germany	-	-	-	55,306	152,295	-63.7
Yugoslavia	11,975	-	-	58,698	60,638	-3.2
Asia Total	603,882	314,529	635,830	7,021,378	6,402,713	9.7
China (Taiwan)	441,909	139,549	305,477	3,921,409	4,285,637	-8.5
Indonesia	-	-	-	470	164	186.6
Israel	-	-	-	243,427	242,894	.2
Japan	85,095	93,739	186,685	2,005,188	970,709	106.6
Korea, Republic of	76,705	81,241	143,668	849,605	902,857	-5.9
Saudi Arabia	-	-	-	659	452	45.8
Singapore	173	-	-	173	-	-
United Arab Emirates	-	-	-	447	-	-
Oceania & Australia Total	-	-	-	643	440	46.1
Australia	-	-	-	208	307	-32.2
New Zealand	-	-	-	435	133	227.1
Africa Total	39,188	-	-	39,257	503,639	-92.2
Gabon	-	-	-	69	-	-
Morocco	39,188	-	-	39,188	503,639	-92.2
Total	3,362,130	2,678,458	3,107,436	32,057,228	26,713,269	20.0

¹ Includes subbituminous coal.

² Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 18. Average Price¹ of Bituminous Steam² Coal Exports: December 1988
(Dollars per Short Ton)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total	\$38.56	\$38.02	\$38.57	\$38.64	\$39.05	-1.0
Canada	38.56	38.06	38.44	38.56	38.84	-7
Dominican Republic	-	-	-	-	(³)	-
Haiti	-	30.21	-	30.25	-	-
Honduras	-	-	-	-	(³)	-
Jamaica	-	-	-	27.62	-	-
Mexico	-	40.00	(³)	(³)	(³)	.2
South America Total	39.87	-	-	46.26	45.69	1.3
Argentina	-	-	-	-	(³)	-
Brazil	-	-	-	46.27	44.22	4.7
Guyana	-	-	-	-	(³)	-
Peru	39.87	-	-	39.94	50.96	-21.6
Europe Total	39.31	38.14	39.76	37.57	39.49	-4.9
Belgium & Luxembourg	-	33.47	33.77	33.32	35.65	-6.5
Denmark	29.70	28.67	-	30.25	33.01	-8.4
France	-	-	-	34.88	36.50	-4.4
Greece	-	-	-	39.95	-	-
Iceland	52.82	50.72	48.36	53.24	55.61	-4.3
Ireland	44.49	42.58	45.30	41.59	44.13	-5.7
Italy	40.45	40.12	37.52	40.07	38.15	5.0
Netherlands	38.17	38.03	42.48	38.04	42.04	-9.5
Norway	50.71	-	-	43.26	57.76	-25.1
Portugal	-	36.46	-	38.07	42.62	-10.7
Spain	39.91	57.71	58.86	57.91	36.96	56.7
Sweden	-	35.38	-	36.71	-	-
Turkey	-	-	-	38.88	-	-
United Kingdom	47.17	35.22	-	37.27	-	-
West Germany	-	-	-	48.08	38.08	26.3
Yugoslavia	(³)	-	-	(³)	55.24	23.2
Asia Total	39.73	38.70	37.59	38.36	39.17	-2.1
China (Taiwan)	41.08	43.18	39.94	39.87	39.70	.4
Indonesia	-	-	-	40.00	39.90	.3
Israel	-	-	-	36.91	36.58	1.0
Japan	34.58	32.93	35.07	36.23	37.48	-3.3
Korea, Republic of	37.68	37.68	35.86	36.81	39.16	-6.0
Saudi Arabia	-	-	-	39.99	(³)	-39.7
Singapore	40.02	-	-	40.02	-	-
United Arab Emirates	-	-	-	46.90	-	-
Oceania & Australia Total	-	-	-	39.94	(³)	-52.3
Australia	-	-	-	40.02	(³)	-61.1
New Zealand	-	-	-	39.90	40.00	-.3
Africa Total	33.34	-	-	33.35	35.55	-6.2
Gabon	-	-	-	40.17	-	-
Morocco	33.34	-	-	33.34	35.55	-6.2
Total	38.93	38.15	38.70	38.16	39.22	-2.7

¹ Based on the free alongside ship (f.a.s.) value.

² Includes subbituminous coal.

³ Average prices of \$60.00 or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 19. Anthracite Exports: December 1988
(Short Tons)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total	47,551	46,534	10,185	527,869	486,073	13.3
Canada	45,763	43,152	8,160	506,020	445,238	13.7
Costa Rica	-	-	-	187	9	(¹)
Dominican Republic	-	-	-	-	55	-
Honduras	-	-	-	22	22	.0
Mexico	1,788	3,382	1,868	21,640	19,921	8.6
Panama	-	-	-	-	88	-
Trinidad & Tobago	-	-	157	-	740	-
South America Total	1,395	7,461	11,261	55,529	35,453	56.6
Argentina	-	-	-	38	13	176.9
Brazil	-	7,461	5,570	14,972	16,674	-10.2
Chile	-	-	-	283	18	(¹)
Colombia	-	-	-	15	-	-
Ecuador	-	-	-	364	44	(¹)
Venezuela	1,395	-	5,691	39,859	18,704	113.1
Europe Total	11,767	5	-	44,760	34,690	29.0
France	-	5	-	5	-	-
Norway	6,346	-	-	37,554	30,926	21.4
Turkey	5,421	-	-	5,521	-	-
United Kingdom	-	-	-	132	3,000	-95.6
West Germany	-	-	-	314	644	-51.2
Yugoslavia	-	-	-	1,234	120	(¹)
Asia Total	35,713	1,182	-	271,872	643,263	-57.7
Japan	-	-	-	-	107	-
Korea, Republic of	34,721	-	-	266,445	642,906	-58.6
Philippines	573	-	-	627	141	344.7
Singapore	-	-	-	1,171	109	(¹)
Thailand	419	890	-	3,337	-	-
United Arab Emirates	-	292	-	292	-	-
Oceania & Australia Total	-	-	-	700	571	22.8
Australia	-	-	-	639	571	11.9
New Zealand	-	-	-	61	-	-
Africa Total	-	-	-	-	37	-
Egypt	-	-	-	-	28	-
Nigeria	-	-	-	-	11	-
Total	96,426	55,182	21,446	900,730	1,180,087	-23.7

¹ Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 20. Average Price¹ of Anthracite Exports: December 1988
(Dollars per Short Ton)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total	\$58.53	\$58.63	(²)	(²)	(²)	-1.7
Canada	59.45	(²)	(²)	(²)	(²)	-1.7
Costa Rica	-	-	-	\$34.99	(²)	-89.7
Dominican Republic	-	-	-	-	(²)	-
Honduras	-	-	-	(²)	(²)	-32.2
Mexico	35.05	35.05	\$35.00	40.70	\$35.20	15.6
Panama	-	-	-	-	(²)	-
Trinidad & Tobago	-	-	(²)	-	(²)	-
South America Total	(²)	(²)	(²)	(²)	(²)	-35.2
Argentina	-	-	-	(²)	(²)	-37.5
Brazil	-	(²)	(²)	(²)	(²)	4.5
Chile	-	-	-	34.98	(²)	-72.2
Colombia	-	-	-	(²)	-	-
Ecuador	-	-	-	34.92	(²)	-71.3
Venezuela	(²)	-	(²)	(²)	(²)	-50.6
Europe Total	(²)	(²)	-	(²)	(²)	3.6
France	-	(²)	-	(²)	-	-
Norway	(²)	-	-	(²)	(²)	-2.0
Turkey	(²)	-	-	(²)	-	-
United Kingdom	-	-	-	(²)	35.00	206.0
West Germany	-	-	-	35.03	58.02	-39.6
Yugoslavia	-	-	-	39.59	35.13	12.7
Asia Total	32.51	35.04	-	34.73	32.21	7.8
Japan	-	-	-	-	34.97	-
Korea, Republic of	32.21	-	-	34.69	32.18	7.8
Philippines	35.02	-	-	35.01	34.96	.1
Singapore	-	-	-	35.01	(²)	-77.2
Thailand	53.93	35.06	-	37.85	-	-
United Arab Emirates	-	34.96	-	34.96	-	-
Oceania & Australia Total	-	-	-	37.65	34.99	7.6
Australia	-	-	-	35.00	34.99	(³)
New Zealand	-	-	-	(²)	-	-
Africa Total	-	-	-	-	(²)	-
Egypt	-	-	-	-	58.65	-
Nigeria	-	-	-	-	(²)	-
Total	55.33	(²)	(²)	55.11	48.01	14.8

¹ Based on the free alongside ship (f.a.s.) value.

² Average prices of \$60.00 or more are not shown.

(*) Rounded to zero

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 21. Coke Exports: December 1988
(Short Tons)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total	57,636	72,997	42,413	449,983	355,479	26.6
Canada	47,981	61,139	34,066	347,824	248,218	40.1
Costa Rica	22	-	-	120	-	-
Dominican Republic	-	131	87	249	179	39.1
El Salvador	-	-	-	20	-	-
Guatemala	-	-	-	213	206	3.4
Honduras	-	-	-	175	352	-50.3
Jamaica	-	-	-	-	122	-
Mexico	9,633	11,727	8,260	101,193	106,369	-4.9
Panama	-	-	-	100	33	203.0
Trinidad & Tobago	-	-	-	89	-	-
South America Total	23,515	-	23,060	146,785	94,229	55.8
Brazil	-	-	-	52,083	-	-
Chile	-	-	-	-	2,806	-
Peru	-	-	-	-	1,702	-
Venezuela	23,515	-	23,060	94,702	89,621	5.7
Europe Total	49,643	-	41,823	204,007	93,998	117.0
Belgium & Luxembourg	-	-	-	-	21,483	-
Finland	82	-	-	82	-	-
France	-	-	-	36,369	-	-
Italy	-	-	-	9,444	-	-
Netherlands	-	-	-	-	15,304	-
Spain	26,267	-	-	65,609	-	-
Sweden	9,713	-	9,802	19,264	19,170	.5
Turkey	13,581	-	32,021	34,153	32,021	6.7
United Kingdom	-	-	-	28,969	154	(¹)
Yugoslavia	-	-	-	10,117	5,868	72.5
Asia Total	51,801	69,743	-	292,431	30,594	(¹)
Japan	-	69,743	-	116,395	30,371	283.2
Korea, Republic of	-	-	-	-	223	-
Philippines	51,801	-	-	176,036	-	-
Total	182,595	142,740	107,296	1,093,206	574,300	90.4

¹ Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 22. Average Price¹ of Coke Exports: December 1988
(Dollars per Short Ton)

Continent and Country of Destination	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total	\$82.71	\$95.18	\$87.69	\$97.74	\$90.86	7.6
Canada	78.93	95.15	85.96	94.43	90.88	3.9
Costa Rica	(²)	-	-	170.42	-	-
Dominican Republic	-	84.79	150.28	165.49	183.46	-9.8
El Salvador	-	-	-	175.00	-	-
Guatemala	-	-	-	84.63	84.94	-4
Honduras	-	-	-	175.25	182.53	-4.0
Jamaica	-	-	-	-	(²)	-
Mexico	101.24	95.47	94.16	108.58	90.17	20.4
Panama	-	-	-	84.48	84.91	-5
Trinidad & Tobago	-	-	-	(²)	-	-
South America Total	60.00	-	60.00	59.22	59.37	-1.3
Brazil	-	-	-	54.43	-	-
Chile	-	-	-	-	96.25	-
Peru	-	-	-	-	95.27	-
Venezuela	60.00	-	60.00	61.85	57.49	7.6
Europe Total	43.75	-	55.58	57.78	64.05	-9.8
Belgium & Luxembourg	-	-	-	-	82.56	-
Finland	84.00	-	-	84.00	-	-
France	-	-	-	60.00	-	-
Italy	-	-	-	150.00	-	-
Netherlands	-	-	-	-	81.60	-
Spain	30.00	-	-	47.99	-	-
Sweden	44.68	-	41.05	44.68	41.94	6.5
Turkey	69.45	-	60.00	63.76	60.00	6.3
United Kingdom	-	-	-	47.90	84.96	-43.8
Yugoslavia	-	-	-	60.00	44.22	35.7
Asia Total	35.00	32.61	-	43.38	133.49	-67.5
Japan	-	32.61	-	56.06	133.85	-58.1
Korea, Republic of	-	-	-	-	84.86	-
Philippines	35.00	-	-	35.00	-	-
Total	55.86	64.61	60.22	70.57	83.58	-15.6

¹ Based on the free alongside ship (f.a.s.) value.

² Average prices of \$200.00 or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

Table 23. Coal Imports¹ by Continent and Country of Origin: December 1988
(Short Tons)

Continent and Country of Origin	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total	35,187	37,383	46,142	596,535	549,292	8.6
Canada	30,325	33,056	40,829	552,238	506,760	9.0
Mexico	4,862	4,327	5,313	44,297	42,532	4.1
South America Total	63,923	169,534	63,249	1,427,979	986,967	44.7
Colombia	63,923	169,534	63,249	1,225,167	956,899	28.0
Venezuela	-	-	-	202,812	30,068	(²)
Europe Total	-	313	-	1,135	240	372.9
Denmark	-	-	-	177	-	-
Netherlands	-	-	-	320	-	-
Spain	-	-	-	124	44	181.8
United Kingdom	-	313	-	314	196	60.2
West Germany	-	-	-	200	-	-
Asia Total	-	-	-	42,191	-	-
Hong Kong	-	-	-	2	-	-
Japan	-	-	-	42,189	-	-
Oceania & Australia Total	31,913	-	-	66,190	210,639	-68.6
Australia	31,913	-	-	66,190	210,639	-68.6
Total	131,023	207,230	109,391	2,134,030	1,747,138	22.1

¹ Includes Puerto Rico.

² Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 24. Average Price¹ of Coal Imports² by Continent and Country of Origin: December 1988
(Dollars per Short Ton)

Continent and Country of Origin	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total	\$31.28	\$32.44	\$27.30	\$31.23	\$32.21	-3.1
Canada	32.25	33.38	26.74	31.44	32.97	-4.6
Mexico	25.26	25.31	31.61	28.54	23.22	22.9
South America Total	34.26	31.53	29.89	28.44	32.96	-13.7
Colombia	34.26	31.53	29.89	28.83	32.89	-12.3
Venezuela	-	-	-	20.09	35.22	-25.9
Europe Total	-	(³)	-	(³)	(³)	-46.5
Denmark	-	-	-	36.28	-	-
Netherlands	-	-	-	(³)	-	-
Spain	-	-	-	(³)	28.70	464.0
United Kingdom	-	(³)	-	(³)	(³)	-37.3
West Germany	-	-	-	15.00	-	-
Asia Total	-	-	-	(³)	-	-
Hong Kong	-	-	-	(³)	-	-
Japan	-	-	-	(³)	-	-
Oceania & Australia Total	30.84	-	-	29.86	27.17	9.9
Australia	30.84	-	-	29.86	27.17	9.9
Total	32.63	31.80	28.80	29.96	32.04	-6.5

¹ Based on the free alongside ship (f.a.s.) value.

² Includes Puerto Rico.

³ Average prices of \$50.00 dollars or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 25. Coal Imports by Customs District: December 1988
(Short Tons)

Customs District	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
Eastern Total	21	34,006	39,642	196,612	127,308	54.4
Boston, MA	-	-	-	177	28,736	-99.4
Baltimore, MD	-	-	-	200	-	-
Portland, ME	-	-	9,131	51,568	25,279	104.0
Buffalo, NY	21	-	-	21	671	-96.9
New York City, NY	-	-	-	445	222	100.5
Philadelphia, PA	-	34,006	30,511	144,203	72,400	99.2
Southern Total	68,785	139,855	28,920	1,372,054	1,040,055	31.9
Mobile, AL	-	-	-	-	155,173	-
Tampa, FL	36,365	89,860	-	752,650	96,743	(¹)
New Orleans, LA	-	-	-	178,226	422,590	-57.8
San Juan, PR	27,558	45,668	23,607	395,079	323,001	22.3
Houston-Galveston, TX	-	-	-	1,802	16	(¹)
Laredo, TX	4,862	4,327	5,313	44,297	42,532	4.1
Western Total	34,515	5,474	3,185	136,582	273,772	-50.1
San Francisco, CA	-	-	-	17,000	22,048	-22.9
Honolulu, HI	31,913	-	-	64,388	89,832	-28.3
Great Falls, MT	2,602	5,474	3,185	52,518	104,798	-49.9
Seattle, WA	-	-	-	2,676	57,094	-95.3
Northern Total	27,702	27,895	37,644	428,782	306,003	40.1
Chicago, IL	26,112	25,773	30,972	320,361	244,481	31.0
Detroit, MI	-	-	-	-	79	-
Pembina, ND	1,590	1,809	6,672	108,108	61,443	75.9
Cleveland, OH	-	313	-	313	-	-
Total	131,023	207,230	109,391	2,134,030	1,747,138	22.1

¹ Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 26. Average Price¹ of Coal Imports by Customs District: December 1988
(Dollars per Short Ton)

Customs District	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
Eastern Total	(²)	\$27.22	\$31.48	\$36.07	\$30.67	17.6
Boston, MA	-	-	-	36.28	27.00	34.4
Baltimore, MD	-	-	-	15.00	-	-
Portland, ME	-	-	25.56	33.01	31.13	6.0
Buffalo, NY	(²)	-	-	(²)	(²)	38.6
New York City, NY	-	-	-	(²)	(²)	-5.0
Philadelphia, PA	-	27.22	33.25	36.97	31.47	17.5
Southern Total	\$33.62	32.39	28.02	28.62	31.69	-9.7
Mobile, AL	-	-	-	-	26.01	-
Tampa, FL	36.16	32.41	-	28.67	33.51	-14.5
New Orleans, LA	-	-	-	25.31	33.24	-23.8
San Juan, PR	31.75	33.03	27.22	29.91	32.94	-9.2
Houston-Galveston, TX	-	-	-	(²)	(²)	-88.1
Laredo, TX	25.26	25.31	31.61	28.54	23.22	22.9
Western Total	33.31	(²)	(²)	40.90	32.65	25.3
San Francisco, CA	-	-	-	27.35	28.22	-3.1
Honolulu, HI	30.84	-	-	29.14	33.37	-12.7
Great Falls, MT	(²)	(²)	(²)	(²)	36.69	61.6
Seattle, WA	-	-	-	49.14	25.80	90.5
Northern Total	29.27	28.17	24.03	27.95	33.25	-15.9
Chicago, IL	27.51	24.82	19.53	26.74	30.93	-13.5
Detroit, MI	-	-	-	-	(²)	-
Pembina, ND	(²)	(²)	44.90	31.34	42.11	-25.6
Cleveland, OH	-	(²)	-	(²)	-	-
Total	32.63	31.80	28.80	29.96	32.04	-6.5

¹ Based on the free alongside ship (f.a.s.) value.

² Average prices of \$50.00 dollars or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 27. Coke Imports: December 1988
(Short Tons)

Continent and Country of Origin	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total	114,150	32,699	7,568	484,961	187,325	158.9
Canada	114,150	32,699	7,568	484,328	187,325	158.5
Mexico	-	-	-	633	-	-
South America Total	-	-	-	16,717	500	(¹)
Argentina	-	-	-	16,717	-	-
Venezuela	-	-	-	-	500	-
Europe Total	43,378	26,621	-	509,014	68,720	(¹)
Belgium & Luxembourg	-	-	-	108,484	-	-
France	18,027	-	-	56,385	-	-
Italy	-	-	-	125,205	-	-
Netherlands	-	-	-	24,809	-	-
Switzerland	-	-	-	24,234	-	-
United Kingdom	-	26,621	-	26,621	-	-
West Germany	25,351	-	-	49,414	505	(¹)
Yugoslavia	-	-	-	94,862	68,215	39.1
Asia Total	148,099	43,006	42,056	1,070,243	540,842	97.9
China (Peking)	22,087	-	-	22,087	-	-
Japan	126,012	43,006	42,056	1,048,156	540,842	93.8
Oceania & Australia Total	-	80,357	-	607,072	124,901	386.0
Australia	-	80,357	-	607,072	124,901	386.0
Total	305,627	182,683	49,624	2,688,007	922,288	191.4

¹ Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 28. Average Price¹ of Coke Imports: December 1988
(Dollars per Short Ton)

Continent and Country of Origin	December 1988	November 1988	December 1987	Year to date		
				1988	1987	Percent Change
North America Total	\$55.58	\$23.69	\$74.70	\$58.32	\$49.94	16.8
Canada	55.58	23.69	74.70	58.37	49.94	16.9
Mexico	-	-	-	24.58	-	-
South America Total	-	-	-	40.98	54.40	-24.7
Argentina	-	-	-	40.98	-	-
Venezuela	-	-	-	-	54.40	-
Europe Total	84.24	102.28	-	95.06	64.66	47.0
Belgium & Luxembourg	-	-	-	107.51	-	-
France	101.13	-	-	104.64	-	-
Italy	-	-	-	98.53	-	-
Netherlands	-	-	-	119.75	-	-
Switzerland	-	-	-	73.03	-	-
United Kingdom	-	102.28	-	102.28	-	-
West Germany	72.23	-	-	87.54	74.80	16.9
Yugoslavia	-	-	-	71.52	64.58	10.7
Asia Total	86.78	100.98	58.98	70.14	63.75	10.0
China (Peking)	68.04	-	-	68.04	-	-
Japan	90.07	100.98	58.98	70.18	63.75	10.1
Oceania & Australia Total	-	77.12	-	67.68	52.98	27.8
Australia	-	77.12	-	67.68	52.98	27.8
Total	74.77	78.84	61.37	71.99	59.55	20.9

¹ Based on the free alongside ship (f.a.s.) value.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

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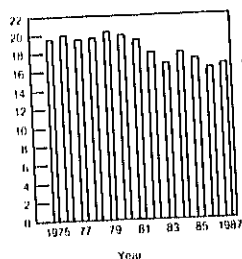
U.S. Natural Gas Consumption (Trillion Cubic Feet)

Year	Residential	Commercial	Industrial	Electric Utilities	Trans- portation	Total
1975	4.92	2.51	8.36	3.16	0.58	19.54
1976	5.05	2.67	8.60	3.06	.55	19.95
1977	4.82	2.50	8.47	3.19	.53	19.52
1978	4.90	2.60	8.40	3.19	.53	19.63
1979	4.97	2.79	8.40	3.49	.60	20.24
1980	4.75	2.01	8.20	3.68	.63	19.28
1981	4.55	2.52	8.06	3.64	.64	19.40
1982	4.63	2.61	8.94	3.23	.60	19.00
1983	4.38	2.43	6.62	2.91	.49	16.83
1984	4.56	2.62	7.23	3.11	.53	17.95
1985	4.43	2.43	6.87	3.04	.50	17.29
1986	4.31	2.32	6.90	2.60	.49	16.22
1987P	4.37	2.29	6.68	2.84	.50	16.68

P - Preliminary data.
Note: "Total" may not equal sum of components due to independent rounding.
Source: Energy Information Administration, Annual Energy Review 1987

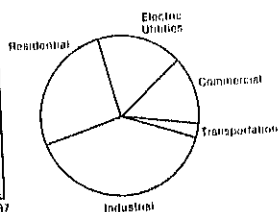
Total Consumption

Trillion Cubic Feet

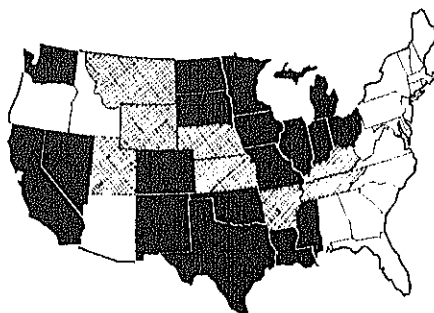


24

1987 Consumption

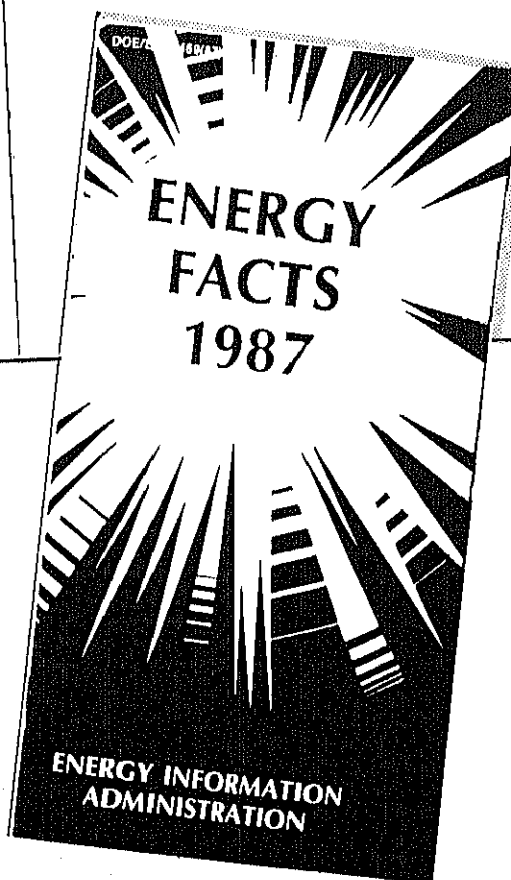


Average Price of Natural Gas to Residential Consumers in 1986 (Dollars per Thousand Cubic Feet)



U.S. Average \$5.83
 \$3.89 to \$4.99
 \$5.00 to \$5.99
 \$6.00 to \$6.99
 \$7.00 to \$7.99
 \$8.00 to \$8.83

Source: Energy Information Administration, Natural Gas Annual 1986



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